

Commercial Standard

CS196-55

Model Forms for Toddlers' and Children's Apparel

A RECORDED VOLUNTARY STANDARD OF THE TRADE

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UNITED STATES DEPARTMENT OF COMMERCE

Sinclair Weeks, Secretary

Model Forms for Toddlers' and Children's Apparel

[Effective July 31, 1955]

NOTICE

This Commercial Standard is based on the measurements, their location, size-to-size intervals, and size designations in Commercial Standard CS151-50, Body Measurements for the Sizing of Apparel for Infants, Babies, Toddlers, and Children (for the Knit Underwear Industry). The exact detailed relationship between the body and form measurements for a given size is shown in table 6, page 9.

1. PURPOSE

1.1. The purpose of this standard is to provide standard classifications, size designations, and measurements for commercial model forms for the sizing of toddlers' and children's ready-to-wear apparel.

2. SCOPE¹

2.1. This standard covers:

2.1.1. Types of forms.

- (a) Dress or coat—figure 1.
- (b) Sports, bifurcated—figures 2 to 6:

- (1) Suspended, for outerwear and underwear, in knee or ankle length—figures 2, 3, and 4.
- (2) Standing, for outerwear—figures 5 and 6.

2.1.2. Methods of measuring.

- (a) General.
- (b) Girth measurements.
- (c) Width measurements.
- (d) Length measurements.
- (e) Vertical measurements.

2.1.3. Classifications, size designations, and measurements.

- (a) Toddlers' and children's, sizes 1 to 6X.

2.1.4. Recommended methods of identification.

¹This is one of a coordinated series of standards now being prepared which will cover all classifications from toddlers to teen-age boys and girls.

3. METHODS OF MEASURING MODEL FORMS

3.1. *General*.—Measurements are taken to the nearest 1/8 inch.

3.2. *Girth measurements*.

- (a) *Chest*.—Measured horizontally around forms, *C*, at a distance, *SS* [par. 3.4(e)], above waistline, figures 1 and 2.²
- (b) *Waist*.—Measured around forms over tape, *W*, figures 1 and 2.
- (c) *Hip*.—Measured around forms, *H*, at a distance, *D* [par. 3.4(f)], below waistline, figures 1 and 2.
- (d) *Vertical trunk*.—Measured around sports form through the middle of the shoulder seam and the crotch. *V*, figure 5.
- (e) *Thigh*.—Measured horizontally around leg of sports form, close up to the crotch. *T*, figure 2.
- (f) *Knee*.—Measured around leg of sports form. *K*, figure 4.
- (g) *Calf*.—Measured around leg of sports form, *P*, figure 2, at point of maximum circumference.
- (h) *Neckline*.—Measured around neck seam. *N*, figures 1 and 2.

3.3. *Width measurements*.

- (a) *Shoulder*.—Measured along shoulder seam from neck seam to armhole edge. *S*, figures 1, 4, and 6.
- (b) *Cross-back*.—Measured across back, from armhole edge to armhole edge, at depth halfway between neck seam and level of chest girth measurement. *B*, figures 4 and 6.

3.4. *Length measurements*.

- (a) *Neck extension*.—Measured from neck edge of shoulder seam to upper edge of the extension. *E*, figures 1, 4, and 6.
- (b) *Back waist*.—Measured from neckline, along center back seam, to the center of the tape at waistline. *BL*, figure 3.

²This chest measurement will not necessarily check with the final form measurement because the armhole plates or extensions on the finished form may cover the upper point of the *SS* measurement. This identifies the location on the form at which the original chest measurement was taken on the child.

- (c) *Front waist*.—Measured from neckline, along center front seam, to the center of the tape at the waistline. *FL*, figure 3.
- (d) *Scye depth*.—Measured from neckline, along center back seam, to point where chest girth crosses the center back seam. *SD*, figure 1.
- (e) *Waist to armscye*.—Measured from center of the tape at waistline, along side seam toward armscye. *SS*, figures 1 and 2.
- (f) *Waist to hip*.—Measured from center of the tape at waistline, along the side seam toward hip. *D*, figures 1 and 2.
- (g) *Total crotch*.—Measured from center of the tape at waistline of sports form at center front, through crotch to waistline at center back. *CL*, figure 3.
- (h) *Total form length*.—Measured from neckline, along center back seam, to the bottom of the form. *L*, figure 1.

3.5. Vertical measurements.

- (a) *Waist to knee*.—Measured from a point level with the center of waistline tape of the sports form to a point level with the knee. *G*, figure 4.
- (b) *Crotch to bottom of heel*.—Measured from a point level with the crotch of the sports form to the bottom of the heel. *I*, figure 6.

- (c) *Crotch to knee*.—Measured from a point level with the crotch of the sports form to a point level with the knee. *O*, figure 2.
- (d) *Crotch to ankle*.—Measured from a point level with the crotch of the sports form to a point level with the bottom of the form. *N*, figure 2.
- (e) *Knee to ankle*.—Measured from a point level with the knee of the sports form to the bottom of the form. *P*, figure 2.
- (f) *Knee to bottom of heel*.—Measured from a point level with the knee of the sports form to the bottom of the heel. *J*, figure 6.

4. FORM MEASUREMENTS

(For the relationship between the different types of forms, see section 6, paragraph 6.1.)

4.1. *Dress form*.—The size designations and corresponding form measurements are given in table 1.

4.2. *Coat form*.—The size designations and corresponding form measurements are given in table 2.

4.3. *Sports forms*.—The size designations and corresponding form measurements are given in tables 3, 4, and 5.

TABLE 1. *Dress form measurements (see fig. 1)*
[Based on composite of boys' and girls' measurements]

Measurement	SIZES						
	1	2	3	4	5	6	6X
GIRTH MEASUREMENTS							
	inches	inches	inches	inches	inches	inches	inches
Chest.....(C)	21	22	23	24	25	26	26 1/2
Waist.....(W)	20 1/2	21	21 1/2	22	22 1/2	23	23 1/2
Hip.....(H)	*21	22	23	24	25	26	27
Neckline.....(N)	9 3/8	9 3/4	10	10 3/8	10 5/8	11	11 1/4
WIDTH MEASUREMENTS							
Shoulder.....(S)	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 1/2
Cross-back.....(B)	8 3/8	8 7/8	9 1/4	9 5/8	10	10 3/8	10 5/8
LENGTH MEASUREMENTS							
Neck extension.....(E)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Back waist.....(BL)	8	8 1/2	9	9 1/2	10	10 1/2	10 3/4
Front waist.....(FL)	7 5/8	8	8 1/2	8 7/8	9 3/8	9 3/4	10
Scye depth.....(SD)	*3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4
Waist to armscye.....(SS)	3 3/4	4 1/8	4 1/2	4 7/8	5 1/8	5 3/8	5 5/8
Waist to hip.....(D)	3 1/2	4	4 1/2	5	5 3/8	5 3/4	6
Total form.....(L)	15 1/2	17	18 1/2	20	21 1/2	23	24 1/2

* Extrapolated.

TABLE 2. Coat form measurements (see fig. 1)
[Based on composite of boys' and girls' measurements]

Measurement	SIZES						
	1	2	3	4	5	6	6X
GIRTH MEASUREMENTS							
	inches	inches	inches	inches	inches	inches	inches
Chest.....(C)	23	24	25	26	27	28	28 1/2
Waist.....(W)	22 1/2	23	23 1/2	24	24 1/2	25	25 1/2
Hip.....(H)	24	24	25	26	27	28	29
Neckline.....(N)	9 5/8	10	10 1/4	10 5/8	10 7/8	11 1/4	11 1/2
WIDTH MEASUREMENTS							
Shoulder.....(S)	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 5/8
Cross-back.....(B)	8 5/8	9 1/8	9 1/2	9 7/8	10 1/4	10 5/8	10 7/8
LENGTH MEASUREMENTS							
Neck extension.....(E)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Back waist.....(BL)	8	8 1/2	9	9 1/2	10	10 1/2	10 3/4
Front waist.....(FL)	7 5/8	8	8 1/2	8 7/8	9 3/8	9 3/4	10
Sleeve depth.....(SD)	* 3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4
Waist to armscye.....(SS)	3 3/4	4 1/8	4 1/2	4 7/8	5 1/8	5 3/8	5 5/8
Waist to hip.....(D)	3 1/2	4	4 1/2	5	5 3/8	5 3/4	6
Total form.....(L)	15 1/2	17	18 1/2	20	21 1/2	23	24 1/2

* Extrapolated.

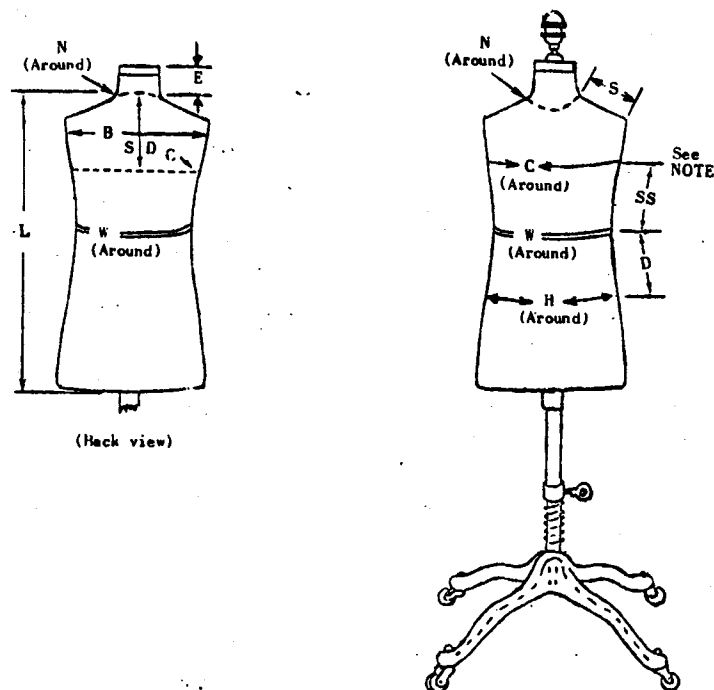


Figure 1. Dress or coat form. (See tables 1 and 2 for measurements.)

Note.—This chest measurement will not necessarily check with the final form measurement, because the armhole plates or extensions on the finished form may cover the upper point of the SS measurement. This identifies the location on the form at which the original chest measurement was taken on the child.

TABLE 3. *Suspended type outerwear sports form measurements (see figs. 2, 3, and 4)*
 [Based on composite of boys' and girls' measurements]

Measurement	SIZES						
	1	2	3	4	5	6	6X
GIRTH MEASUREMENTS							
	inches	inches	inches	inches	inches	inches	inches
Chest.....(C)	21	22	23	24	25	26	26 1/2
Waist.....(W)	20 1/2	21	21 1/2	22	22 1/2	23	23 1/2
Hip.....(H)	21	22	23	24	25	26	27
Vertical trunk.....(V)	31 1/2	33 1/2	35 1/2	38	40	42	43 1/2
Thigh.....(T)	11 3/4	12 1/4	12 3/4	13 1/4	13 3/4	14 1/4	14 3/4
Knee.....(K)	7 3/4	8 1/4	8 5/8	9	9 1/2	10	10 3/8
Calf (maximum).....(F)	7 1/2	7 7/8	8 1/4	8 5/8	9	9 1/2	9 3/4
Neckline.....(N)	9 3/8	9 3/4	10	10 3/8	10 5/8	11	11 1/4
WIDTH MEASUREMENTS							
Shoulder.....(S)	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 1/2
Cross-back.....(E)	8 3/8	8 7/8	9 1/4	9 5/8	10	10 3/8	10 5/8
LENGTH MEASUREMENTS							
Neck extension.....(E)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Back waist.....(BL)	8	8 1/2	9	9 1/2	10	10 1/2	10 3/4
Front waist.....(FL)	7 5/8	8	8 1/2	8 7/8	9 3/8	9 3/4	10
Scye depth.....(SD)	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4
Waist to armscye.....(SS)	3 3/4	4 1/8	4 1/2	4 7/8	5 1/8	5 3/8	5 5/8
Waist to hip.....(D)	3 1/2	4	4 1/2	5	5 3/8	5 3/4	6
Total crotch.....(CL)	15 1/2	16 1/2	17 1/2	18 1/2	19 1/4	20	21
VERTICAL MEASUREMENTS							
Waist to knee.....(G)	9 1/2	10 3/4	12	13 1/4	14 1/2	15 1/2	16 1/2
Crotch to knee.....(O)	3 3/4	4 3/8	5 1/8	5 7/8	6 5/8	7 3/8	8
Crotch to ankle.....(M)	9 5/8	11 1/8	12 3/4	14 1/4	15 7/8	17 1/2	18 5/8
Knee to ankle.....(P)	5 7/8	6 3/4	7 5/8	8 3/8	9 1/4	10 1/8	10 5/8

* Extrapolated.

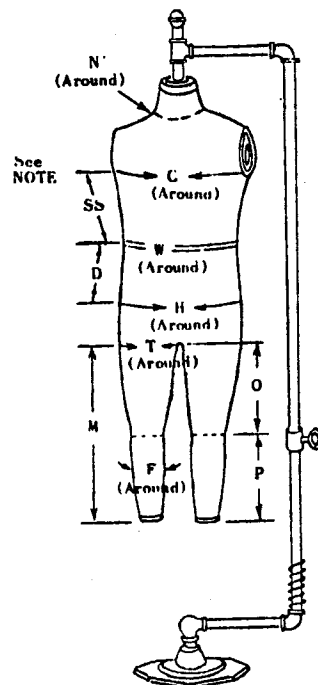


Figure 2. Sports form, suspended type—front view.
 (See tables 3 and 4 for measurements.)

Note.—This chest measurement will not necessarily check with the final form measurement, because the armhole plates or extensions on the finished form may cover the upper point of the SS measurement. This identifies the location on the form at which the original chest measurement was taken on the child.

TABLE 4. Suspended type underwear and bathing suit sports form measurements (see figs. 2, 3, and 4)

[Based on composite of boys' and girls' measurements.]

Measurement	SIZES						
	1	2	3	4	5	6	6X
GIRTH MEASUREMENTS							
	inches	inches	inches	inches	inches	inches	inches
Chest.....(C)	20 1/4	21 1/4	22 1/4	23 1/4	24 1/4	25 1/4	25 3/4
Waist.....(W)	19 1/2	20	20 1/2	21	21 1/2	22	22 1/2
Hip.....(H)	20 1/4	21 1/4	22 1/4	23 1/4	24 1/4	25 1/4	26 1/4
Vertical trunk.....(V)	31 1/2	33 1/2	35 1/2	38	40	42	43 1/2
Thigh.....(T)	11 3/4	12 1/4	12 3/4	13 1/4	13 3/4	14 1/4	14 3/4
Knee.....(K)	7 3/4	8 1/4	8 5/8	9	9 1/2	10	10 3/8
Calf (maximum).....(F)	7 1/2	7 7/8	8 1/4	8 5/8	9	9 3/8	9 3/4
Neckline.....(N)	9 3/8	9 3/4	10	10 3/8	10 5/8	11	11 1/4
WIDTH MEASUREMENTS							
Shoulder.....(S)	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 1/2
Cross-back.....(B)	8 3/8	8 7/8	9 1/4	9 5/8	10	10 3/8	10 5/8
LENGTH MEASUREMENTS							
Neck extension.....(E)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Back waist.....(BL)	8	8 1/2	9	9 1/2	10	10 1/2	10 3/4
Front waist.....(FL)	7 5/8	8	8 1/2	8 7/8	9 3/8	9 3/4	10
Scye depth.....(SD)	* 3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4
Waist to armseye.....(SS)	3 3/4	4 1/8	4 1/2	4 7/8	5 1/8	5 1/2	5 3/4
Waist to hip.....(D)	3 1/2	4	4 1/2	5	5 3/8	5 3/4	6
Total crotch.....(CL)	15 1/2	16 1/2	17 1/2	18 1/2	19 1/4	20	21
VERTICAL MEASUREMENTS							
Waist to knee.....(G)	9 1/2	10 3/4	12	13 1/4	14 1/2	15 1/2	16 1/2
Crotch to knee.....(O)	3 3/4	4 3/8	5 1/8	5 7/8	6 5/8	7 3/8	8
Crotch to ankle.....(M)	9 5/8	11 1/8	12 3/4	14 1/4	15 7/8	17 1/2	18 5/8
Knee to ankle.....(P)	5 7/8	6 3/4	7 5/8	8 3/8	9 1/4	10 1/8	10 5/8

* Extrapolated.

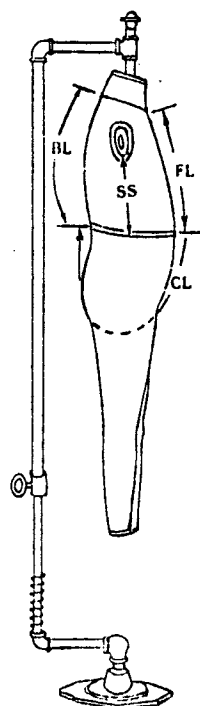


Figure 3. Sports form, suspended type—side view. (See tables 3 and 4 for measurements.)

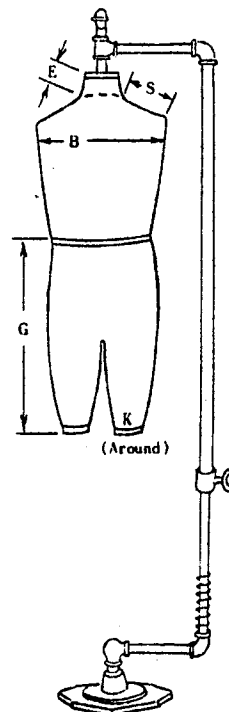


Figure 4. Sports form, suspended type—back view. (See tables 3 and 4 for measurements.)

TABLE 5. Standing type outerwear sports form measurements (see figs. 5 and 6)
[Based on composite of boys' and girls' measurements]

Measurement	SIZES						
	1	2	3	4	5	6	6X
GIRTH MEASUREMENTS							
	inches	inches	inches	inches	inches	inches	inches
Chest.....(C)	21	22	23	24	25	26	26 1/2
Waist.....(W)	20 1/2	21	21 1/2	22	22 1/2	23	23 1/2
Hip.....(H)	* 21	22	23	24	25	26	27
Vertical trunk.....(V)	31 1/2	33 1/2	35 1/2	38	40	42	43 1/2
Thigh.....(T)	11 3/4	12 1/4	12 3/4	13 1/4	13 3/4	14 1/4	14 3/4
Knee.....(K)	7 3/4	8 1/4	8 5/8	9	9 1/2	10	10 3/8
Calf (maximum).....(F)	7 1/2	7 7/8	8 1/4	8 5/8	9	9 1/2	9 3/4
Neckline.....(N)	9 3/8	9 3/4	10	10 3/8	10 5/8	11	11 1/4
WIDTH MEASUREMENTS							
Shoulder.....(S)	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 1/2
Cross-back.....(B)	8 3/8	8 7/8	9 1/4	9 5/8	10	10 3/8	10 5/8
LENGTH MEASUREMENTS							
Neck extension.....(E)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
Back waist.....(BL)	8	8 1/2	9	9 1/2	10	10 1/2	10 3/4
Front waist.....(FL)	7 5/8	8	8 1/2	8 7/8	9 3/8	9 3/4	10
Scye depth.....(SD)	* 3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4
Waist to armscye.....(SS)	3 3/4	4 1/8	4 1/2	4 7/8	5 1/8	5 3/8	5 5/8
Waist to hip.....(D)	3 1/2	4	4 1/2	5	5 3/8	5 3/4	6
Total crotch.....(CL)	15 1/2	16 1/2	17 1/2	18 1/2	19 1/4	20	21
VERTICAL MEASUREMENTS							
Waist to knee.....(G)	9 1/2	10 3/4	12	13 1/4	14 1/4	15 1/2	16 1/2
Crotch to knee.....(O)	3 3/4	4 3/8	5 1/8	5 7/8	6 5/8	7 3/8	8
Crotch to bottom of heel....(I)	11 1/4	12 7/8	14 5/8	16 3/8	18 1/8	19 7/8	21
Knee to bottom of heel.....(J)	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	13

* Extrapolated.

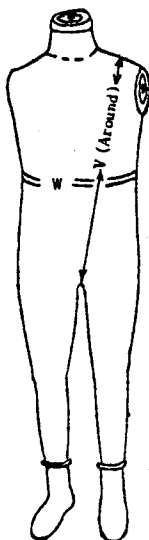


Figure 5. Sports form, standing type—front view.
(See table 5 for measurements.)

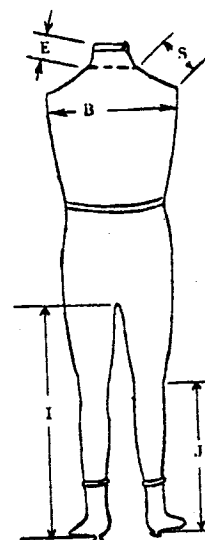


Figure 6. Sports form, standing type—back view.
(See table 5 for measurements.)

5. IDENTIFICATION

5.1. In order that purchasers of model forms may be assured that the measurements conform to this standard, it is recommended that catalogs and sales literature carry the following statement:

Sizes of _____ model
(use applicable classification(s))
forms comply with Commercial Standard CS196-55, as developed by the trade under the procedure of the Commodity Standards Division, and issued by the U. S. Department of Commerce.

Or, more briefly—

Complies with CS196-55, as developed by the trade, and issued by the U. S. Department of Commerce.

5.2. In order to assure the purchaser of model forms that the sizes are based on the measurements given herein, it is recommended that there be attached to such forms a label carrying the following statement:

Complies with CS196-55, as developed by the trade, and issued by the U. S. Department of Commerce.

6. EXPLANATORY STATEMENT

6.1. Relationship between the different types of forms.

6.1.1. The smallest form in the standard is the underwear and bathing suit form. The measurements in table 4, however, are a bit larger than those of the nude body of the child. A model form is quite rigid and cannot bend nor expand like the body; for example, in the chest. Therefore, the form is made larger in the chest to compensate for the chest ex-

pansion factor. These compensating allowances are shown in detail in table 6.

6.1.2. The dress form and the outerwear sports forms, suspended and standing (tables 1, 3, and 5, respectively), have the same basic measurements. These forms represent the child dressed in indoor clothing, which accounts for the added girth measurements—3/4 inch in chest and hips, and 1 inch in the waist.

6.1.3. The dress form extends close to the bottom of the dress or coat. To make the length of the form conform generally to the length of the garments which are tried on the form tends to make the forms more useful and more efficient tools of the trade.

6.1.4. The standing form has feet and stands without additional supports of any kind; the outerwear sports form is suspended from the top and extends to the knee or ankle.

6.1.5. The dress form, as its name indicates, is most useful for modeling dresses. It can also be used for sizing sweaters, blouses, etc. The standing and suspended forms are used generally for trouser-like garments, although garments closed at the front, like sweaters, blouses, and jackets could be modeled on these forms.

6.1.6. The coat form's use is obvious—for garments like overcoats and fur coats, which are worn over garments such as suits. The measurements of this form, in table 2, are the largest of all those shown in the standard, to compensate for the garments worn underneath.

6.2. Relationship between form and body measurements.

6.2.1. To show the relationship between the body measurements in Commercial Standard CS151-50 (see "Notice" on page 3) and the measurements for the various types of model forms given herein, there is given in table 6 the full details, based upon size 5.

TABLE 6. Relationship of principal model form measurements (for size 5) to corresponding body measurements

	(1)	(2)	(3) Columns (1) + (2)	(4)	(5) Columns (3) + (4)	(6) Columns (3) + (4)	(7)	(8) Columns (5) + (7)
	Nude body measure-		Underwear					
Name of measurement	CS151-50 measure- ments less clothing allow- ances)	allow- ances for bodily movement	ing suit form measure- ments (table 4)	indoor clothing allow- ance	form measure- ments (table 1)	sports form measure- ments (table 3)	Extra clothing allow- ance	Coat form measure- ments (table 2)
	inches	inches	inches	inches	inches	inches	inches	inches
Chest girth.....	23 1/4	+1	24 1/4	+3/4	25	25	+2	27
Waist girth.....	21	+1/2	21 1/2	+1	22 1/2	22 1/2	+2	24 1/2
Hip girth.....	23 3/4	+1/2	24 1/4	+3/4	25	25	+2	27
Vertical trunk girth....	39	+1	40	.....	(¹)	40	.....	(¹)
Thigh girth.....	13 1/2	+1/4	13 3/4	.....	(¹)	13 3/4	.....	(¹)
Neckline girth.....	11 1/8	-1/2	10 5/8	.....	10 5/8	10 5/8	+1/4	10 7/8
Total crotch length.....	18 1/2	+3/4	19 1/4	.....	(¹)	19 1/4	.....	(¹)

¹Measurement does not apply to this form.

6.2.2. Three measurements of the suspended type sports form—vertical trunk girth, total crotch length, and neckline girth—are smaller than the corresponding body measurements in CSI51-50, which include allowances for clothing. The reasons for these smaller figures are:

(a) The vertical trunk girth and total crotch length measurements of this form should be closer to the original nude measurements.

(b) The neckline is placed at a slightly higher point at the front—at the normal high neckline for garments, rather than at the upper borders of the collarbone.

6.2.3. The height of the ankle, used in the determination of the crotch-to-ankle measurement, is based upon the same anthropometric data as were used in the development of CSI51-50.

7. EFFECTIVE DATE

7.1. Having been passed through the regular procedure of the Commodity Standards Division, and approved by the acceptors hereinafter listed, this Commercial Standard was issued by the United States Department of Commerce, effective from July 31, 1955.

EDWIN W. ELY,
Chief, Commodity Standards Division.

HISTORY OF PROJECT

During the years 1946 to 1948 the mail order industry developed a series of three "height-weight" body measurement standards for boys' and girls' sizes, which were subsequently endorsed by the knit underwear and other segments of the apparel industry.

Since commercial model forms represent the most common translators of body measurement size standards to the trade, the Mail Order Association of America and the Limited Price Variety Stores Association, Inc. requested the cooperation of the Commodity Standards Division in establishing, on a nationwide basis, Commercial Standards for commercial model forms based on the aforesaid body measurement systems.

The first proposal for the sizing of toddlers' and children's model forms was circulated to the industry for comment and criticism on August 28, 1946. Two revisions of the

original proposal were required before a consensus of the industry was reached, and the application of the new concept of body measurement standards in the sizing of apparel was fully understood. Finally, on August 31, 1953, the recommended standard was circulated to the trade for acceptance.

The recommendation was endorsed by a satisfactory majority of producers, distributors, and users, and an announcement was issued on January 31, 1955, that the standard would become effective for new production from July 31, 1955.

Project Manager: Mansfield Lonie, Commodity Standards Division, Office of Technical Services.
Technical Adviser: Richard S. Cleveland, Organic and Fibrous Materials Division, National Bureau of Standards.

STANDING COMMITTEE

The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Technical Services, U. S. Department of Commerce, which acts as secretary for the committee.

Lee K. Pond, Spiegel, Inc., 1061 West 35th St., Chicago, Ill. (Chairman), (representing Mail Order Association of America).
Wm. Burston, National Retail Dry Goods Association, 100 West 31st St., New York 1, N. Y.
Maria S. Friesen, Eastern New Mexico University, Portales, N. Mex.
Sherman Haight, Sr., E-Z Mills, 350 Fifth Ave., New York, N. Y. (representing Underwear Institute).
Mrs. Charlotte R. Leyden, National Council of Women of the U. S., 345 East 46th St., New York 17, N. Y.
J. L. Lubell, Suzy Brooks, Inc., 520 Eighth Ave., New York 18, N. Y. (representing United Infants' & Children's Wear Association, Inc.).
Joseph Martini, Cavanaugh Form Co., 832 Broadway, New York, N. Y.
N. H. Mendelson, Youth Fashion Guild, 375 Fifth Ave., New York 16, N. Y. (representing Infants', Children's & Teens' Wear Buyers Association).
H. Riegel, Riegel & Dechter, Inc., 520 Eighth Avenue, New York 18, N. Y. (representing United Infants' & Children's Wear Association, Inc.).
Jeanette van Leeuwen, Good Housekeeping Institute, 959 Eighth Ave., New York 19, N. Y.
Samuel Weinstein, J. R. Bauman Normal Model Form Co., Inc., 134 West 26th St., New York, N. Y.
Simon Wolf, Wolf Form Co., 140 Fifth Ave., New York, N. Y.

ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this Commercial Standard.

Date.....

Commodity Standards Division,
Office of Technical Services,
U. S. Department of Commerce,
Washington 25, D. C.

Gentlemen:

We believe that this Commercial Standard constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production¹ distribution¹ purchase¹

of toddlers' and children's model forms. We reserve the right to depart from it as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer.....
(in ink)

(Kindly typewrite or print the following lines)

Name and title of above officer.....

Organization.....
(Fill in exactly as it should be listed)

Street address.....

City, zone, and State.....

¹Underscore the one that applies. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade associations, trade papers, etc., desiring to record their general support, the words "General support" should be added after the signature.

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial Standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of Commercial Standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the standard, where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of Commercial Standards on a nationwide basis is fourfold: first, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

ACCEPTORS

The organizations listed below have individually accepted this standard for use as far as practicable in the production, distribution, or use of model forms for toddlers' and children's apparel. In accepting the standard they reserved the right to depart from it as they individually deem advisable. It is expected that articles which actually comply with the requirements of this standard in all respects will be regularly identified or labeled as conforming thereto, and that purchasers will require such specific evidence of conformity.

ASSOCIATIONS (General Support)

Infants', Children's and Teens' Wear Buyers' Association, New York, N. Y.
Mail Order Association of America, Washington, D. C.
National Council of Women of the U. S., New York, N. Y.
National Retail Dry Goods Association, New York, N. Y.
United Infants' & Children's Wear Association, Inc., New York, N. Y.

FIRMS AND OTHER INTERESTS

Aldens, Inc., Chicago, Ill.
Apolda Mills, North Bergen, N. J.
Ball Stores, Inc., Muncie, Ind.
Bauman, J. R., Normal Model Form, Inc., New York, N. Y.
Boston Knitting Mills, Inc., Newton, Mass.
Brookshire Knitting Mills, Inc., Manchester, N. H.
Cape Ann Manufacturing Co., Gloucester, Mass.
Cavanaugh Form Co., Inc., New York, N. Y.
Chic School of Fashion Design and Chic Pattern Service, New York, N. Y.
Dell Knitwear, Inc., New York, N. Y.
Eastern Coat Manufacturing Co., Watertown, Mass.
Eastern New Mexico University, Portales, N. Mex.
E-Cut Knitting Mills, Inc., Royersford, Pa.
Elder Manufacturing Co., St. Louis, Mo.
Empire Manufacturing Co., Denver, Colo.
Fair, The, Chicago, Ill.

Fishman, M. H., Co., Inc., New York, N. Y.
Florida State University, Department of Clothing and Textiles, Tallahassee, Fla.
Good Housekeeping Institute, New York, N. Y.
Grant, W. T., Co., New York, N. Y.
Handcraft Import Co., Inc., New York, N. Y.
Hanes, P. H., Knitting Co., Winston-Salem, N. C.
Hatch Textile Research, Inc., New York, N. Y.
Juniors, Inc., Los Angeles, Calif.
Kalikow-Kellman Co., Inc., New York, N. Y.
Kresge, S. S., Co., Detroit, Mich.
Kugelman's, Woodville, N. H.
Kurtz, David, Co., New York, N. Y.
Lewbell, Kenneth, Inc., New York, N. Y.
LiFalco Manufacturing Co., Inc., Little Falls, N. Y.
Lit Bros. Division of City Stores Co., Philadelphia, Pa.
McKem Sales Corp., New York, N. Y.
Minikin Togs, Inc., New York, N. Y.
Monroe, Day, Topeka, Kans.
Montana State University, Missoula, Mont.
Myers Bros., Springfield, Ill.
National Bellas Hess Stores, New York, N. Y.
New York Pattern Co., Inc., New York, N. Y.
Ohio Wesleyan University, Delaware, Ohio
Olwin-Angell Store, Aberdeen, S. Dak.
Oregon Manufacturing Co., Chicago, Ill.
Oxford Boyswear, Inc., New York, N. Y.
Peerless Pattern Co., New York, N. Y.
Reed Bros., Inc., Tupelo, Miss.
Rifkin, William, & Sons, Philadelphia, Pa.
Rosenblatt, A., Sons & Co., Inc., Philadelphia, Pa.
Sachs, J. D., & Co., Inc., New York, N. Y.
Sears, Roebuck & Co., Chicago, Ill.
Signal Knitting Mills, Chattanooga, Tenn.
Slumber Gem Manufactures, Inc., Jasper, Tex.
Southwest Texas State Teachers College, San Marcos, Tex.
Spiegel, Inc., Chicago, Ill.
Spiro, Jack, & Co., Inc., New York, N. Y.
Strouse Baer Co., Baltimore, Md.
Texas Technological College, Lubbock, Tex.
Tex-Son, Inc., San Antonio, Tex.
Tuttman, Louis, & Son, Inc., New York, N. Y.
Washington State College, Pullman, Wash.
Wichita University, Wichita, Kans.
Wohl, L., & Co., Inc., New York, N. Y.
Wolf Form Co., Inc., New York, N. Y.

COMMERCIAL STANDARDS

CS No.

0. Commercial standards and their value to business.
1. Clinical thermometers.
2. Mopsticks.
3. Stoddard solvent.
4. Staple porcelain (all-clay) plumbing fixtures.
5. Pipe nipples; brass, copper, steel, and wrought-iron.
6. Superseded by CS5.
7. Standard weight malleable iron or steel screwed unions.
8. Gage blanks.
9. Builders' template hardware.
10. Superseded by CS5.
11. Moisture regains of cotton yarns.
12. Fuel oils.
13. Dress patterns.
14. Boys' sport and dress shirt (woven fabrics) size measurements.
15. Men's pajama sizes (made from woven fabrics).
16. Wallpaper.
17. (Withdrawn.)
18. Hickory golf shafts.
19. Foundry patterns of wood.
20. Vitreous china plumbing fixtures.
21. Interchangeable ground-glass joints, stopcocks, and stoppers.
22. Builders' hardware (nontemplate). (Withdrawn.)
23. Feldspar.
24. Screw threads and tap-drill sizes.
25. Superseded by CS24.
26. Aromatic red cedar closet lining.
27. Mirrors.
28. Cotton fabric tents, tarpaulins, and covers.
29. Staple seats for water-closet bowls.
30. (Withdrawn.)
31. Wood shingles.
32. Cotton cloth for rubber and pyroxylin coating.
33. Knit underwear (exclusive of rayon).
34. Bag, case, and strap leather.
35. Hardwood plywood.
36. Fourdrinier wire cloth.
37. Steel bone plates and screws.
38. Hospital rubber sheeting.
39. (Withdrawn.)
40. Surgeons' rubber gloves.
41. Surgeons' latex gloves.
42. Structural fiber insulating board.
43. Grading of sulphonated oils.
44. Apple wraps.
45. Douglas fir plywood.
46. Hosiery lengths and sizes.
47. Marking of gold-filled and rolled-gold-plate articles other than watchcases.
48. Domestic burners for Pennsylvania anthracite (underfeed type).
49. Chip board, laminated chip board, and miscellaneous boards for bookbinding purposes.
50. Binders board for bookbinding and other purposes.
51. Marking articles made of silver in combination with gold.
52. Mohair pile fabrics (100-percent mohair plain velvet, 100-percent mohair plain frieze, and 50-percent mohair plain frieze).
53. Colors and finishes for cast stone.
54. Mattresses for hospitals.
55. Mattresses for institutions.
56. Oak flooring.
57. Book cloths, buckrams, and impregnated fabrics for book-binding purposes except library bindings.
58. Woven elastic fabrics for use in overalls (overall elastic webbing).
59. Textiles—testing and reporting.
60. Hardwood dimension lumber.
61. Venetian blinds (grade A) custom-made.
62. Colors for kitchen accessories.
63. Colors for bathroom accessories.

CS No.

64. Walnut veneers.
65. Methods of analysis and of reporting fiber composition of textile products.
66. Marking of articles made wholly or in part of platinum.
67. Marking articles made of karat gold.
68. Liquid hypochlorite disinfectant, deodorant, and germicide.
69. Pine oil disinfectant.
70. Phenolic disinfectant (emulsifying type) (published with CS71).
71. Phenolic disinfectant (soluble type) (published with CS70).
72. Household insecticide (liquid space spray type for flying insects).
73. Old growth Douglas fir, Sitka spruce, and western hemlock standard stock doors.
74. Solid hardwood wall paneling.
75. Automatic mechanical draft oil burners designed for domestic installations.
76. Hardwood interior trim and molding.
77. Enameled cast-iron plumbing fixtures.
78. Ground-and-polished lenses for sun glasses (published with CS79).
79. Blown, drawn, and dropped lenses for sun glasses (published with CS78).
80. Electric direction signal systems other than semaphore type for commercial and other vehicles subject to special motor vehicle laws (after market).
81. Adverse-weather lamps for vehicles (after market).
82. Inner-controlled spotlamps for vehicles (after market).
83. Clearance, marker, and identification lamps for vehicles (after market).
84. Electric tail lamps for vehicles (after market).
85. Electric license-plate lamps for vehicles (after market).
86. Electric stop lamps for vehicles (after market).
87. Red electric warning lanterns.
88. Liquid burning flares.
89. Hardwood stair treads and risers.
90. Power cranes and shovels.
91. Factory-fitted Douglas fir entrance doors.
92. Cedar, cypress, and redwood tank stock lumber.
93. Portable electric drills (exclusive of high frequency).
94. Calking lead.
95. Lead pipe.
96. Lead traps and bends.
97. Electric supplementary driving and passing lamps for vehicles (after market).
98. Artists' oil paints.
99. Gas floor furnaces—gravity circulating type. (Withdrawn.)
100. Porcelain-enameled steel utensils.
101. Flue-connected oil-burning space heaters equipped with vaporizing pot-type burners.
102. (Reserved for "Diesel and fuel-oil engines.")
103. Rayon jacquard velour (with or without other decorative yarn).
104. Warm-air furnaces equipped with vaporizing-type oil burners.
105. Mineral wool insulation for low temperatures.
106. Boys' pajama sizes (woven fabrics).
107. (Withdrawn.)
108. Treading automobile and truck tires.
109. Solid-fuel-burning forced-air furnaces.
110. Tire repairs—vulcanized (passenger, truck, and bus tires).
111. Earthenware (vitreous-glazed) plumbing fixtures.
112. Homogeneous fiber wallboard.
113. Oil-burning floor furnaces equipped with vaporizing pot-type burners.
114. Hospital sheeting for mattress protection.
115. Porcelain-enameled tanks for domestic use.
116. Bituminized-fiber drain and sewer pipe.
117. Mineral wool insulation for heated industrial equipment.

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 118. Marking of jewelry and novelties of silver.
 (E)119.¹ Dial indicators (for linear measurements).
 120. Standard stock ponderosa pine doors.
 121. Women's slip sizes (woven fabrics).
 122. Western softwood plywood.
 123. Grading of diamond powder.
 (E)124.¹ Master disks.
 125. Prefabricated homes.
 126. Tank-mounted air compressors.
 127. Self-contained mechanically refrigerated drinking water coolers.
 128. Men's sport shirt sizes—woven fabrics (other than those marked with regular neckband sizes).
 129. Materials for safety wearing apparel.
 130. Color materials for art education in schools.
 131. Industrial mineral wool products, all types—testing and reporting.
 132. Hardware cloth.
 133. Woven wire netting.
 134. Cast aluminum cooking utensils (metal composition).
 135. Men's shirt sizes (exclusive of work shirts).
 136. Blankets for hospitals (wool, and wool and cotton).
 137. Size measurements for men's and boys' shorts (woven fabrics).
 138. Insect wire screening.
 139. Work gloves.
 140. Testing and rating convectors.
 141. Sine bars, blocks, plates, and fixtures.
 142. Automotive lifts.
 143. Standard strength and extra strength perforated clay pipe.
 144. Formed metal porcelain enameled sanitary ware.
 145. Testing and rating hand-fired hot-water supply boilers.
 146. Gowns for hospital patients.
 147. Colors for molded urea plastics.
 148. Men's circular flat- and rib-knit rayon underwear.
 149. Utility type house dress sizes.
 150. Hot rolled rail steel bars (produced from tee-section rails).
 151. Body measurements for the sizing of apparel for infants, babies, toddlers, and children (for the knit underwear industry).
 152. Copper naphthenate wood-preservative (spray, brush, dip application).
 153. Body measurements for the sizing of apparel for girls (for the knit underwear industry).
 154. (Reserved for "Wire rope.")
 155. Body measurements for the sizing of boys' apparel (knit underwear, shirts, trousers).
 156. Colors for polystyrene plastics.
 157. Ponderosa pine and sugar pine plywood.
 158. Model forms for girls' apparel.
 159. Sun glass lenses made of ground and polished plate glass, thereafter thermally curved.
 160. Wood-fiber blanket insulation (for building construction).
 161. "Standard grade" hot-dipped galvanized ware (coated after fabrication).

¹Where "(E)" precedes the CS number, it indicates an emergency Commercial Standard, drafted under war conditions.

- CS No.
 162. Tufted bedspreads.
 163. Standard stock ponderosa pine windows, sash, and screens.
 164. (Reserved for "Concrete mixers.")
 165. Zinc naphthenate wood-preservative (spray, brush, dip application).
 166. Size measurements for men's work trousers.
 167. Automotive and general service copper tube.
 168. Polystyrene plastic wall tiles, and adhesives for their application.
 169. Galvanized ware fabricated from *pregalvanized* steel sheets.
 170. Cotton flour-bag (sack) towels.
 171. Hardwood veneered doors.
 172. Brass trim for water-closet bowls, tanks, and urinals (dimensional standards).
 173. Heavy-duty alpha-cellulose-filled melamine tableware.
 174. 140-F dry-cleaning solvent.
 175. Circular-knitted gloves and mittens.
 176. Prefinished wall panels.
 177. Bituminous-coated metal septic tanks (single compartment, residential).
 178. Testing and rating ventilating fans (axial and propeller types).
 179. Installation of attic ventilation fans in residences.
 180. Model forms for boys' apparel.
 181. Water-resistant organic adhesives for installation of clay tile.
 182. Latex foam mattresses for hospitals.
 183. Boys' trouser size measurements.
 184. Steel fence posts—field and line type (produced from hot-rolled steel sections).
 185. Wool felt.
 186. Boys' sports outerwear size measurements.
 187. Men's work shirt sizes.
 188. Service-weight cast-iron soil pipe and fittings.
 189. Women's circular flat-knit rayon underwear sizes (including nightgowns and pajamas).
 190. Standard stock double-hung wood window units.
 191. Flammability of clothing textiles.
 192. General purpose vinyl plastic film.
 193. Standard stock ponderosa pine insulating glass windows and sash.
 194. Pentachlorophenol concentrate for wood preservation and soil poisoning.
 195. Warm-air furnaces equipped with pressure-atomizing or rotary-type burners.
 196. Model forms for toddlers' and children's apparel.
 197. Dimensions and tolerances for flexible standard-wall polyethylene pipe.
 198. Infants', children's, girls', and boys' knit underwear (exclusive of rayon, acetate, and nylon).

NOTICE.—A classified list of Commercial Standards (catalog No. 978) giving prices may be obtained from the Commodity Standards Division, Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C. This document also includes directions for ordering copies.